

## ECS Configuration Change Request

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CCR No. <u>98-0566</u>	Logged Date <u>5/7/98</u>	Rev. <u>-</u>	Request Type <u>CCR</u>
Priority Routine <input type="checkbox"/> Urgent <input checked="" type="checkbox"/> Emergency <input type="checkbox"/>	Affected Release <u>B</u>	Change Class <u>II</u>	
Title : ECS Release B PDPS Patch for Level 1 Processing Production Rules			
Documents Affected  VDD	Source Nos (RID, NCR, Action Item, GSFC CCR, etc.) or Tech Reference See Attached NCR List (p. 2)		
RTM Change <input type="checkbox"/> Start New Baseline <input type="checkbox"/>			
<b>Problem</b>  SSI&T for Level 1 processing PGEs is underway for MODIS at GDAAC and will soon be underway at LaRC for MISR. Fixes to the Level 1 processing scenarios are urgently needed. This CCR is for a planned patch to resolve NCRs related to the Level 1 processing production rules. NCRs were submitted for the following production rules: Optional Inputs, Metadata-based Query, Multi-file Granule, Multi-Granule ESDT, and Orbit Path. These production rules affect MISR and/or MODIS Level 1 processing. These production rules also affect some Level 2 processing including ASTER.  <u>Need JAAE.</u>			
<b>Proposed Solution</b> Incorporate all needed fixes into a patch for Drop 4 called the PDPS Patch, because the fixes are primarily within the PDPS (PLS/DPS Subsystems), and in fact, re-delivers all of PLS and DPS. The patch represents a snapshot of both PLS and DPS subsystems and includes additional fixes already merged into the baseline at the time the initial set of fixes were delivered. A few SDSRV fixes are also required in relationship to the production scenarios. This includes a PDPS database schema update. Testing is being done by using Level 1 processing PGEs, as available, to exercise the scenarios in the manner in which they will be run operationally. For one scenario, multi-granule ESDT, a synthetic PGE will be used, because of late availability of the MISR PGE01. MODIS PGE03 is used for Optional Inputs testing; MODIS PGE01 is used for multi-file granule testing; MISR PGE04 is used for both Orbit Path and Metadata-Based Query testing. MODIS PGE07 (Level 2) is also used for one MetaData-Based Query test case.			
<b>Impact Analysis:</b> Organizations Affected: Procurement <input type="checkbox"/> BOO <input type="checkbox"/> Contracts <input type="checkbox"/> ECS Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input checked="" type="checkbox"/> Science Off <input checked="" type="checkbox"/> QO <input type="checkbox"/> Rel. Dev <input checked="" type="checkbox"/> Rel. A <input type="checkbox"/> Rel. C <input type="checkbox"/> SCDO Arch. <input type="checkbox"/> Security <input type="checkbox"/> Subcontract <input type="checkbox"/> Sys. Eng <input checked="" type="checkbox"/> Sys Verif Acpt <input type="checkbox"/> <u>EDF ZYR</u>			
Cost: None <input checked="" type="checkbox"/> Small <input checked="" type="checkbox"/> Medium <input type="checkbox"/> Large <input type="checkbox"/> (Not exceeding \$100,000) (\$100,000 to \$500,000) (Over \$500,000)			
Schedule: None <input type="checkbox"/> Other <input type="checkbox"/> Will add risk to near term Drop 4P development and integration for the SDSRV.			
Additional LOC _____ Man-Months _____ Materials _____			
Originator <u>Karin Loya/Patch IPT</u>		<u>Karin E. Loya</u> Signature	
		<u>5/7/98</u> Date	
Office <u>Science Office.</u> Office Manager		<u>[Signature]</u> Signature	
		<u>5/7/98</u> Date	
<b>Disposition</b> Approved <input checked="" type="checkbox"/> Approved w/Comment <input type="checkbox"/> Forward <input type="checkbox"/> Disapproved <input type="checkbox"/>			
Comments: The Pre-Ship Review is scheduled for Tuesday, May 12, 1998.			
CCB Chairperson		<u>TW Fiske</u> Signature	
		<u>5/7/98</u> Date	

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